

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: March 8, 2005, 06:59:49 ; Search time 177 Seconds
(without alignments)
7099.777 Million cell updates/sec

Title: US-09-939-537-32

Perfect score: 768

Sequence: 1 GCTAGCAGAGCCCAATCTT.....GGGCTCTGACGACGATCC 768

Scoring table: IDENTITY_NUC

Gapop 10.0, Gapext 1.0

Searched: 1202784 seqs, 818138359 residues

Total number of hits satisfying chosen parameters: 2405568

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Database: Issued Patents NA:*

- 1: /cgn2_6/ptodata/1/ina/5A COMB.seq:*
- 2: /cgn2_6/ptodata/1/ina/5B COMB.seq:*
- 3: /cgn2_6/ptodata/1/ina/6A COMB.seq:*
- 4: /cgn2_6/ptodata/1/ina/6B COMB.seq:*
- 5: /cgn2_6/ptodata/1/ina/PCTUS COMB.seq:*
- 6: /cgn2_6/ptodata/1/ina/backfile1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	768	100.0	768	2	US-08-284-391B-32
2	768	100.0	768	3	US-09-218-950-32
3	768	100.0	768	4	US-08-394-388A-32
4	694.4	90.4	1428	1	US-08-488-376-19
5	694.4	90.4	1428	2	US-08-634-223-19
6	694.4	90.4	1428	2	US-08-634-224-19
7	694.4	90.4	1428	2	US-08-634-400-19
8	694.4	90.4	1428	2	US-08-635-878-19
9	694.4	90.4	1428	2	US-08-770-057-19
10	694.4	90.4	1428	3	US-09-335-697B-19
11	694.4	90.4	1428	3	US-09-335-697B-19
12	694.4	90.4	1428	4	US-09-740-002-19
13	694.4	90.4	1428	4	US-08-487-550-3
14	694.4	90.4	1428	4	US-08-487-550-11
15	694.4	90.4	1428	4	US-08-526-098-3
16	694.4	90.4	1428	4	US-08-526-098-11
17	694.4	90.4	1428	4	US-09-383-816-3
18	694.4	90.4	1428	4	US-09-383-816-11
19	694.4	90.4	1428	4	US-08-487-550-7
20	694.4	90.4	1428	4	US-08-487-550-7
21	694.4	90.4	1428	4	US-09-383-816-7
22	694.4	90.4	1428	4	US-08-149-099C-3
23	694.4	90.4	1428	4	US-08-476-375-2
24	694.4	90.4	1428	4	US-08-476-375-2
25	694.4	90.4	1428	4	US-08-476-375-2
26	694.4	90.4	1428	4	US-08-476-375-2
27	694.4	90.4	1428	4	US-08-476-375-2

28	694.4	90.4	18986	2	US-09-023-715-2	Sequence 2, Appl1
29	694.4	90.4	18986	3	US-09-343-485A-2	Sequence 2, Appl1
30	692.8	90.2	1350	1	US-08-157-101A-9	Sequence 9, Appl1
31	692.8	90.2	1428	1	US-08-488-376-17	Sequence 17, Appl1
32	692.8	90.2	1428	2	US-08-634-223-17	Sequence 17, Appl1
33	692.8	90.2	1428	2	US-08-634-224-17	Sequence 17, Appl1
34	692.8	90.2	1428	2	US-08-634-400-17	Sequence 17, Appl1
35	692.8	90.2	1428	2	US-08-635-878-17	Sequence 17, Appl1
36	692.8	90.2	1428	2	US-08-770-057-17	Sequence 17, Appl1
37	692.8	90.2	1428	3	US-09-335-697B-17	Sequence 17, Appl1
38	692.8	90.2	1428	3	US-09-335-697B-17	Sequence 17, Appl1
39	692.8	90.2	1428	4	US-09-740-002-17	Sequence 17, Appl1
40	692.8	90.2	1576	1	US-08-157-101A-6	Sequence 6, Appl1
41	691.2	90.0	1019	4	US-09-178-869-1	Sequence 1, Appl1
42	691.2	90.0	1019	4	US-09-761-413-1	Sequence 1, Appl1
43	691.2	90.0	1135	1	US-08-236-311-8	Sequence 8, Appl1
44	691.2	90.0	1135	3	US-08-457-918-8	Sequence 8, Appl1
45	691.2	90.0	1135	4	US-10-157-408-8	Sequence 8, Appl1

ALIGNMENTS

RESULT 1
US-08-284-391B-32
Sequence 32, Application US/08284391B
Patent No. 5851828
GENERAL INFORMATION:
APPLICANT: Seed, Brian
APPLICANT: Banapour, Babak
APPLICANT: Romeo, Charles
APPLICANT: Kojanus, Waldemar
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED
CELLS BY CHIMERIC CD4 RECEPTOR-BEARING CELLS
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Clark & Elding LLP
STREET: 176 Federal Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/284,391B
FILING DATE: 02-AUG-1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/195,395
FILING DATE: 14-FEB-1994
APPLICATION NUMBER: 07/847,566
FILING DATE: 06-MAR-1992
APPLICATION NUMBER: 07/665,961
FILING DATE: 07-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Elding, Karen L.
REGISTRATION NUMBER: 35,238
REFERENCE/DOCKET NUMBER: 00786/247001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-428-0200
TELEFAX: 617-428-7045
TELEX:
INFORMATION FOR SEQ ID NO: 32:
SEQUENCE CHARACTERISTICS:
LENGTH: 768 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA

US-08-284-391B-32

Query Match 100.0%; Score 768; DB 2; Length 768;
Best Local Similarity 100.0%; Pred. No. 3,9e-172;
Matches 768; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 GCTAGAGAGGCCCAATCTTTGTGACAAATCTCAACATGCCACCGTGGCCAGACCTGA 60
QY 61 ACTCCTGGGGGAGCCGTCACTCTTCTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTT 120
DB 61 ACTCCTGGGGGAGCCGTCACTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTT 120
QY 121 CTCCTGGAGCCCTGAGAGTCAATGCTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT 180
DB 121 CTCCTGGAGCCCTGAGAGTCAATGCTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT 180
QY 181 CAAGTTCATCTGTAAGTGAAGCGGCGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGT 240
DB 181 CAAGTTCATCTGTAAGTGAAGCGGCGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGT 240
QY 241 GGAGCAGTACCAACAGACGTAACCGGGTGGTCAAGCTCTCAACGCTCTGACAGAGCTG 300
DB 241 GGAGCAGTACCAACAGACGTAACCGGGTGGTCAAGCTCTCAACGCTCTGACAGAGCTG 300
QY 301 GCTGAATGGCAAGAGTCAAGTGGCAAGTCTTCAACAAAGCCCTCCAGCCCTCCATCA 360
DB 301 GCTGAATGGCAAGAGTCAAGTGGCAAGTCTTCAACAAAGCCCTCCAGCCCTCCATCA 360
QY 361 GAAATCATCTCCAAAGCCCAAGGAGCCCGGAGAAACCAAGTGTACACCTGCCCC 420
DB 361 GAAATCATCTCCAAAGCCCAAGGAGCCCGGAGAAACCAAGTGTACACCTGCCCC 420
QY 421 ATCCCGGAGTGAAGTCAACCAAGACGAGTCAAGCTGAGCTGCTGCTGCTGCTGCTG 480
DB 421 ATCCCGGAGTGAAGTCAACCAAGACGAGTCAAGCTGAGCTGCTGCTGCTGCTGCTG 480
QY 481 TCCCAACGACATGCGCGTGAAGTGGAGAGCAATGGGACCGGAGAAACAATCAAGAC 540
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DB 721 TGCTGAGGCCCAAGAGCGGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 768
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RESULT 2

US-09-218-950-32

Sequence 32, Application US/09218950

Patent No. 6284240

GENERAL INFORMATION:

APPLICANT: Seed, Brian

APPLICANT: Banapour, Babak

APPLICANT: Romeo, Charles

APPLICANT: Kolanus, Waldemar

TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED

NUMBER OF SEQUENCES: 53

CORRESPONDENCE ADDRESS:

ADDRESSEE: Clark & Elbing LLP

STREET: 176 Federal Street

CITY: Boston

STATE: MA

COUNTRY: USA

ZIP: 02110

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: PastSeq for Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/218,950

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/284,391

FILING DATE: 02-AUG-1994

APPLICATION NUMBER: 08/195,395

FILING DATE: 14-FEB-1994

APPLICATION NUMBER: 07/847,566

FILING DATE: 06-MAR-1992

APPLICATION NUMBER: 07/665,961

FILING DATE: 07-MAR-1991

ATTORNEY/AGENT INFORMATION:

NAME: Elbing, Karen L.

REGISTRATION NUMBER: 35,238

REFERENCE/DOCKET NUMBER: 00786/247001

TELECOMMUNICATION INFORMATION:

TELEPHONE: 617-428-0200

TELEFAX: 617-428-7045

TELEX:

INFORMATION FOR SEQ ID NO: 32:

SEQUENCE CHARACTERISTICS:

LENGTH: 768 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

US-09-218-950-32

Query Match 100.0%; Score 768; DB 3; Length 768;
Best Local Similarity 100.0%; Pred. No. 3,9e-172;
Matches 768; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 GCTAGAGAGGCCCAATCTTTGTGACAAATCTCAACATGCCACCGTGGCCAGACCTGA 60
DB 1 GCTAGAGAGGCCCAATCTTTGTGACAAATCTCAACATGCCACCGTGGCCAGACCTGA 60
QY 61 ACTCCTGGGGGAGCCGTCACTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTT 120
DB 61 ACTCCTGGGGGAGCCGTCACTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTT 120
QY 121 CTCCTGGAGCCCTGAGAGTCAATGCTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT 180
DB 121 CTCCTGGAGCCCTGAGAGTCAATGCTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT 180
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DB 181 CAAGTTCATCTGTAAGTGAAGCGGCGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGT 240
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DB 241 GGAGCAGTACCAACAGACGTAACCGGGTGGTCAAGCTCTCAACGCTCTGACAGAGCTG 300
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DB 301 GCTGAATGGCAAGAGTCAAGTGGCAAGTCTTCAACAAAGCCCTCCAGCCCTCCATCA 360
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DB 361 GAAATCATCTCCAAAGCCCAAGGAGCCCGGAGAAACCAAGTGTACACCTGCCCC 420
QY 421 ATCCCGGAGTGAAGTCAACCAAGACGAGTCAAGCTGAGCTGCTGCTGCTGCTGCTG 480
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/ TITLE OF INVENTION: NEUTRALIZING HIGH AFFINITY HUMAN
/ TITLE OF INVENTION: MONOCLONAL ANTIBODIES SPECIFIC TO RSV F-PROTEIN AND
/ NUMBER OF SEQUENCES: 19 METHODS FOR THEIR MANUFACTURE AND THERAPEUTIC USE THEREOF
/ CORRESPONDENCE ADDRESS:
/ ADDRESSER: Burns, Doane, Swecker & Mathis
/ STREET: P.O. Box 1404
/ CITY: Alexandria
/ STATE: Virginia
/ COUNTRY: United States
/ ZIP: 22313-1404
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patentin Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/488,376
/ FILING DATE: 07-JUN-1995
/ CLASSIFICATION: 424
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Teskin, Robin L.
/ REGISTRATION NUMBER: 35,030
/ REFERENCE/DOCKET NUMBER: 012712-150
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (703) 836-6620
/ TELEFAX: (703) 836-2021
/ INFORMATION FOR SEQ ID NO: 19:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 1428 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ FEATURE:
/ NAME/KEY: CDS
/ LOCATION: 1..1428
/ US-08-488-376-19

Query Match      90.4%; Score 694.4; DB 1; Length 1428;
Best Local Similarity 99.9%; Pred. No. 1,1e-154;
Matches 695; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY      484 CAGGACATGCGCGTGGATGGGAGAGCAATGGGACCGGAGAACATACAGACAC 543
DB      1206 CAGGACATGCGCGTGGATGGGAGAGCAATGGGACCGGAGAACATACAGACAC 1265
QY      544 GCTCCCGTGTGATGCTGCGACGGCTCTTCTTCTCTACAGAGCTCACCGTGGACAA 603
DB      1266 GCTCCCGTGTGATGCTGCGACGGCTCTTCTTCTCTACAGAGCTCACCGTGGACAA 1325
QY      604 GAGCAGGTGGACAGAGGAGAACCTTCTTCATGCTCCGATGATGATGAGCTTCGACAA 663
DB      1326 GAGCAGGTGGACAGAGGAGAACCTTCTTCATGCTCCGATGATGATGAGCTTCGACAA 1385
QY      664 CCACTACAGCAGAGAGGCTCCCTGCTCCGGG 699
DB      1386 CCACTACAGCAGAGAGGCTCCCTGCTCCGGG 1421
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RESULT 5
US-08-634-223-19
/ Sequence 19, Application US/08634223
/ Patent No. 5840298
/ GENERAL INFORMATION:
/ APPLICANT: BRAMS, Peter
/ APPLICANT: CHAMAT, Soulaïma Salim
/ APPLICANT: PAN, Li-Zhen
/ APPLICANT: WALSH, Edward E.
/ APPLICANT: HEARD, Cheryl Janne
/ APPLICANT: NEWMAN, Roland Anthony
/ TITLE OF INVENTION: NEUTRALIZING HIGH AFFINITY HUMAN
/ TITLE OF INVENTION: MONOCLONAL ANTIBODIES SPECIFIC TO RSV F-PROTEIN AND
/ METHODS FOR THEIR MANUFACTURE AND THERAPEUTIC USE THEREOF
/ NUMBER OF SEQUENCES: 19
/ CORRESPONDENCE ADDRESS:
/ ADDRESSER: Burns, Doane, Swecker & Mathis
/ STREET: P.O. Box 1404
/ CITY: Alexandria
/ STATE: Virginia
/ COUNTRY: United States
/ ZIP: 22313-1404
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patentin Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/634,223
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/08/488,376
/ FILING DATE: 07-JUN-1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Teskin, Robin L.
/ REGISTRATION NUMBER: 35,030
/ REFERENCE/DOCKET NUMBER: 012712-150
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (703) 836-6620
/ TELEFAX: (703) 836-6620
/ INFORMATION FOR SEQ ID NO: 19:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 1428 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ FEATURE:
/ NAME/KEY: CDS
/ LOCATION: 1..1428
/ US-08-634-223-19

Query Match      90.4%; Score 694.4; DB 2; Length 1428;
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Best Local Similarity 99.9%; Pred. No. 1.1e-154;
Matches 695; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4 AGCAGAGCCCAATCTTGTGACAAACTCAGACATGCGCCCGCCAGACCTGAAT 63
DB 726 AGAGAGAGCCCAATCTTGTGACAAACTCAGACATGCGCCCGCCAGACCTGAAT 785
QY 64 CCGGAG 123
DB 786 CCGGAG 845
QY 124 CCGGAG 183
DB 846 CCGGAG 905
QY 184 GTTCAACTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 243
DB 906 GTTCAACTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 965
QY 244 GAGTACAGACAGACAGACAGACAGACAGACAGACAGACAGACAGACAGACAG 303
DB 966 GAGTACAGACAGACAGACAGACAGACAGACAGACAGACAGACAGACAGACAG 1025
QY 304 GAATGCGAAGAGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 363
DB 1026 GAATGCGAAGAGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1085
QY 364 AACCATCTCCAAAGCCAAAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 423
DB 1086 AACCATCTCCAAAGCCAAAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1145
QY 424 CCGGAG 483
DB 1146 CCGGAG 1205
QY 484 CAGCGACATGCGCGTGTGATGATGATGATGATGATGATGATGATGATGATG 543
DB 1206 CAGCGACATGCGCGTGTGATGATGATGATGATGATGATGATGATGATGATG 1265
QY 544 GCGTCCCGTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 603
DB 1266 GCGTCCCGTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1325
QY 604 GAGCAG 663
DB 1326 GAGCAG 1385
QY 664 CCACTACAGCAG 699
DB 1386 CCACTACAGCAG 1421

RESULT 6
US-08-634-224-19
Sequence 19, Application US/08634224
Patent No. 586125

GENERAL INFORMATION:
APPLICANT: BRAMS, Peter
APPLICANT: CHAMAT, Soulaime Salim
APPLICANT: PAN, Li-Zhen
APPLICANT: WALSH, Edward E.
APPLICANT: HEARD, Cheryl Janne
APPLICANT: NEWMAN, Roland Anthony
TITLE OF INVENTION: NEUTRALIZING HIGH AFFINITY HUMAN
TITLE OF INVENTION: MONOCLONAL ANTIBODIES SPECIFIC TO RSV F-PROTEIN AND
METHODS FOR THEIR MANUFACTURE AND THERAPEUTIC USE THEREOF
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Burns, Doane, Swecker & Mathis
STREET: P.O. Box 1404
CITY: Alexandria
STATE: Virginia
COUNTRY: United States

ZIP: 22133-1404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/634,224
FILING DATE:
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/488,376
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Teakin, Robin L.
REGISTRATION NUMBER: 35,030
REFERENCE/DOCKET NUMBER: 012712-150
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
TELEFAX: (703) 836-2021
INFORMATION FOR SRO ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 1428 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 1..1428
US-08-634-224-19

Query Match 90.4%; Score 694.4; DB 2; Length 1428;
Best Local Similarity 99.9%; Pred. No. 1.1e-154;
Matches 695; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4 AGCAGAGCCCAATCTTGTGACAAACTCAGACATGCGCCCGCCAGACCTGAAT 63
DB 726 AGAGAGAGCCCAATCTTGTGACAAACTCAGACATGCGCCCGCCAGACCTGAAT 785
QY 64 CCGGAG 123
DB 786 CCGGAG 845
QY 124 CCGGAG 183
DB 846 CCGGAG 905
QY 184 GTTCAACTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 243
DB 906 GTTCAACTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 965
QY 244 GAGTACAGACAGACAGACAGACAGACAGACAGACAGACAGACAGACAGACAG 303
DB 966 GAGTACAGACAGACAGACAGACAGACAGACAGACAGACAGACAGACAGACAG 1025
QY 304 GAATGCGAAGAGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 363
DB 1026 GAATGCGAAGAGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1085
QY 364 AACCATCTCCAAAGCCAAAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 423
DB 1086 AACCATCTCCAAAGCCAAAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1145
QY 424 CCGGAG 483
DB 1146 CCGGAG 1205
QY 484 CAGCGACATGCGCGTGTGATGATGATGATGATGATGATGATGATGATGATG 543
DB 1206 CAGCGACATGCGCGTGTGATGATGATGATGATGATGATGATGATGATGATG 1265
QY 544 GCGTCCCGTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 603

Db 1266 GCTCCCGGTGAGTCCGAGCGGCTCTCTTCTCTTACAGCAAGCTCAGCGTGACAA 1325
Qy 604 GAGCAGGTGGCAGCGGGGAGAGTCTTCTCATGCTCCGATGATGATGAGCTCTGACAA 663
Db 1326 GAGCAGGTGGCAGCGGGGAGAGTCTTCTCATGCTCCGATGATGATGAGCTCTGACAA 1385
Qy 664 CCACTACAGCAGAGAGGCTCTCTCTCTCTCTCGGG 699
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RESULT 7
US-08-634-400-19
; Sequence 19, Application US/08634400
; Patent No. 593068
; GENERAL INFORMATION:
; APPLICANT: BRAMS, Peter
; APPLICANT: CHAMAT, Soulaïma Salim
; APPLICANT: PAN, Li-Zhen
; APPLICANT: WALSH, Edward E.
; APPLICANT: HEARD, Cheryl Janne
; APPLICANT: NEWMAN, Roland Anthony
; TITLE OF INVENTION: NEUTRALIZING HIGH AFFINITY HUMAN
; TITLE OF INVENTION: MONOCLONAL ANTIBODIES SPECIFIC TO RSV F-PROTEIN AND
; METHODS OF INVENTION: METHODS FOR THEIR MANUFACTURE AND THERAPEUTIC USE THEREOF
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Burns, Doane, Swecker & Mathis
; STREET: P.O. Box 1404
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: United States
; ZIP: 22313-1404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/634,400
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/488,376
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Teskin, Robin L.
; REGISTRATION NUMBER: 35,030
; REFERENCE/DOCKET NUMBER: 012712-150
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 836-6620
; TELEFAX: (703) 836-2021
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1428 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..1428
US-08-634-400-19

Query Match 90.4%; Score 694.4; DB 2; Length 1428;
Best Local Similarity 99.9%; Pred. No. 1.1e-154;
Matches 695; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4 AGCAGAGCCCAATTTGTGACAAACTCAGCAGTCCGACCGGCGCAGAGCCTGAAGT 63
Db 726 AGCAGAGCCCAATTTGTGACAAACTCAGCAGTCCGACCGGCGCAGAGCCTGAAGT 785

Qy 64 CTTGGGGGGGACCGTCAAGTCTTCTCTTCCCCCAAAACCCAGAGACACCTCATGATCTC 123
Db 786 CTTGGGGGGGACCGTCAAGTCTTCTCTTCCCCCAAAACCCAGAGACACCTCATGATCTC 845
Qy 124 CCGAGACCCCTTAGAGTCAATGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 183
Db 846 CCGAGACCCCTTAGAGTCAATGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 905
Qy 184 GTTCAACTGTGTAAGTGTGAGCGGGCGGTGTGATTAATGTCAGAGCAAGAGCCGGGAGGA 243
Db 906 GTTCAACTGTGTAAGTGTGAGCGGGCGGTGTGATTAATGTCAGAGCAAGAGCCGGGAGGA 965
Qy 244 GCAGTACAAACAGCAGTACCGAGTGTGTGAGCTGTCTCAACCTTCTGTGACACGAGACTGCT 303
Db 966 GCAGTACAAACAGCAGTACCGAGTGTGTGAGCTGTCTCAACCTTCTGTGACACGAGACTGCT 1025
Qy 304 GAATGGCAAGAGTACAGTGTGAGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 363
Db 1026 GAATGGCAAGAGTACAGTGTGAGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1085
Qy 364 AACCATCTCCAAAGCCAAAGGCGAGCCCGGAGAACAGAGTGTACACCTTGTCCCATC 423
Db 1086 AACCATCTCCAAAGCCAAAGGCGAGCCCGGAGAACAGAGTGTACACCTTGTCCCATC 1145
Qy 424 CCGGATGAGCTGACCAAGACAGCTGACCTGTGCTGTGTGTGTGTGTGTGTGTGTGTGT 483
Db 1146 CCGGATGAGCTGACCAAGACAGCTGACCTGTGCTGTGTGTGTGTGTGTGTGTGTGTGT 1205
Qy 484 CAGCGACATCGGCTGT 543
Db 1206 CAGCGACATCGGCTGT 1265
Qy 544 GCTTCCCGGTGAGTCTCGAGCGGCTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 603
Db 1266 GCTTCCCGGTGAGTCTCGAGCGGCTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 1325
Qy 604 GAGCAGGTGGCAGCGGGGAGAGTCTTCTCATGCTCCGATGATGATGAGCTCTGACAA 663
Db 1326 GAGCAGGTGGCAGCGGGGAGAGTCTTCTCATGCTCCGATGATGATGAGCTCTGACAA 1385
Qy 664 CCACTACAGCAGAGAGGCTCTCTCTCTCTCTCGGG 699
Db 1386 CCACTACAGCAGAGAGGCTCTCTCTCTCTCGGG 1421

RESULT 8
US-08-635-878-19
; Sequence 19, Application US/08635878
; Patent No. 595364
; GENERAL INFORMATION:
; APPLICANT: BRAMS, Peter
; APPLICANT: CHAMAT, Soulaïma Salim
; APPLICANT: PAN, Li-Zhen
; APPLICANT: WALSH, Edward E.
; APPLICANT: HEARD, Cheryl Janne
; APPLICANT: NEWMAN, Roland Anthony
; TITLE OF INVENTION: NEUTRALIZING HIGH AFFINITY HUMAN
; TITLE OF INVENTION: MONOCLONAL ANTIBODIES SPECIFIC TO RSV F-PROTEIN AND
; METHODS OF INVENTION: METHODS FOR THEIR MANUFACTURE AND THERAPEUTIC USE THEREOF
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Burns, Doane, Swecker & Mathis
; STREET: P.O. Box 1404
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: United States
; ZIP: 22313-1404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/635,878
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/488,376
 FILING DATE: 07-JUN-1995
 ATTORNEY/AGENT INFORMATION:
 NAME: Teekin, Robin L.
 REGISTRATION NUMBER: 35,030
 REFERENCE/DOCKET NUMBER: 012712-150
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (703) 836-6620
 TELEFAX: (703) 836-2021
 INFORMATION FOR SEQ ID NO: 19:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1428 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 1..1428
 US-08-635-878-19

Query Match 90.4%; Score 694.4; DB 2; Length 1428;
 Best Local Similarity 99.9%; Pred. No. 1,1e-154;
 Matches 695; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

4 AGGAGAGCCCAATCTTGTGACAACTCAACATGCGCCACCGTCCAGCACTGAACT 63
 726 AGGAGAGCCCAATCTTGTGACAACTCAACATGCGCCACCGTCCAGCACTGAACT 785
 64 CTTGGGGGGGACCTGCTCTTCTCTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 123
 786 CTTGGGGGGGACCTGCTCTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 845
 124 CCGGACCCCTGAGGTGACATGCGTGTGTGTGACGTGAGCGACGAAAGCCCTGAGTCAA 183
 846 CCGGACCCCTGAGGTGACATGCGTGTGTGTGACGTGAGCGACGAAAGCCCTGAGTCAA 905
 184 GTTCAACTGTGACGTGAGCGGTGTGAGGTGATATATGCAAGCAAGCCCGGGAGGA 243
 906 GTTCAACTGTGACGTGAGCGGTGTGAGGTGATATATGCAAGCAAGCCCGGGAGGA 965
 244 GCGGTACACAGACGATACCGGGTGTGACGCTCTTCAAGCTCTGACGAGACTGGCT 303
 966 GCGGTACACAGACGATACCGGGTGTGACGCTCTTCAAGCTCTGACGAGACTGGCT 1025
 304 GAATGGCAAGGATGACAGGTGACAGGTCTGCAACAAAGCCCTCCAGCCCTCATGAGAA 363
 1026 GAATGGCAAGGATGACAGGTGACAGGTCTGCAACAAAGCCCTCCAGCCCTCATGAGAA 1085
 364 AACCATCTCCAAAGCCAAAGGGGACCCCGAGAACCAAGGTGACACCTGCCCCATC 423
 1086 AACCATCTCCAAAGCCAAAGGGGACCCCGAGAACCAAGGTGACACCTGCCCCATC 1145
 424 CCGGATGAGCTGACCAAGAACAGGTCAAGCTGACCTGCTGCTGCTGCTGCTGCTGCT 483
 1146 CCGGATGAGCTGACCAAGAACAGGTCAAGCTGACCTGCTGCTGCTGCTGCTGCTGCT 1205
 484 CAGCGCATGCGCGTGAAGTGGAGAGCAATGGGCGCCGAGAACCAACTGCAAGACCAAC 543
 1206 CAGCGCATGCGCGTGAAGTGGAGAGCAATGGGCGCCGAGAACCAACTGCAAGACCAAC 1265
 544 GCTCTCCGCTGCTGAGCTCCGACGAGCTCTTCTCTTACAGCAAGCTCACCTGAGCAA 603
 1266 GCTCTCCGCTGCTGAGCTCCGACGAGCTCTTCTCTTACAGCAAGCTCACCTGAGCAA 1325
 604 GAGCAGGTGAGCAAGGGGAAAGCTCTTCTCATGCTCCGTGATGATGAGGCTCTGACAA 663
 1326 GAGCAGGTGAGCAAGGGGAAAGCTCTTCTCATGCTCCGTGATGATGAGGCTCTGACAA 1385

664 CCACTACGCGAGAGAGCTCTCTCTGCTCCGGG 699
 1386 CCACTACGCGAGAGAGCTCTCTCTGCTCCGGG 1421

RESULT 9
 US-08-770-057-19
 Sequence 19, Application US/08770057
 Patent No. 5958765
 GENERAL INFORMATION:
 APPLICANT: BRAMS, Peter
 APPLICANT: CHAMAT, Sculaima Salim
 APPLICANT: PAN, Li-Zhen
 APPLICANT: WALSH, Edward E.
 APPLICANT: HEARD, Cheryl Janne
 APPLICANT: NEWMAN, Roland Anthony
 TITLE OF INVENTION: NEUTRALIZING HIGH AFFINITY HUMAN
 TITLE OF INVENTION: MONOCLONAL ANTIBODIES SPECIFIC TO RSV F-PROTEIN AND
 NUMBER OF SEQUENCES: 19
 CORRESPONDENCE ADDRESSES:
 ADDRESSEE: Burns, Doane, Swecker & Mathis
 STREET: P.O. Box 1404
 CITY: Alexandria
 STATE: Virginia
 COUNTRY: United States
 ZIP: 22313-1404
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/770,057
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/488,376
 FILING DATE: 07-JUN-1995
 ATTORNEY/AGENT INFORMATION:
 NAME: Teekin, Robin L.
 REGISTRATION NUMBER: 35,030
 REFERENCE/DOCKET NUMBER: 012712-150
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (703) 836-6620
 TELEFAX: (703) 836-2021
 INFORMATION FOR SEQ ID NO: 19:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1428 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 1..1428
 US-08-770-057-19

Query Match 90.4%; Score 694.4; DB 2; Length 1428;
 Best Local Similarity 99.9%; Pred. No. 1,1e-154;
 Matches 695; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

4 AGGAGAGCCCAATCTTGTGACAACTCAACATGCGCCACCGTCCAGCACTGAACT 63
 726 AGGAGAGCCCAATCTTGTGACAACTCAACATGCGCCACCGTCCAGCACTGAACT 785
 64 CTTGGGGGGGACCTGCTCTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 123
 786 CTTGGGGGGGACCTGCTCTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 845
 124 CCGGACCCCTGAGGTGACATGCGTGTGTGTGACGTGAGCGACGAAAGCCCTGAGTCAA 183
 846 CCGGACCCCTGAGGTGACATGCGTGTGTGTGACGTGAGCGACGAAAGCCCTGAGTCAA 905

QY 184 GTTCACTGTGTAAGTGAAGGCTGAGGATGATATGCAAGCAAAAGCCGCGAGGA 243
 DB 906 GTTCACTGTGTAAGTGAAGGCTGAGGATGATATGCAAGCAAAAGCCGCGAGGA 965
 QY 244 GAGTACAAAGCAAGTACCGGCTGTGCAAGCTCTCAAGCTCTGCAAGCAAGTGGCT 303
 DB 966 GAGTACAAAGCAAGTACCGGCTGTGCAAGCTCTCAAGCTCTGCAAGCAAGTGGCT 1025
 QY 304 GAATGCAAGAGTACAGTGTCAAGTCTTCAAAAGCCCTCCAGCCCTCCAGAGAA 363
 DB 1026 GAATGCAAGAGTACAGTGTCAAGTCTTCAAAAGCCCTCCAGCCCTCCAGAGAA 1085
 QY 364 AACCATCTCCAAAGCCAAAGGCGCCGAGAGCAAGTGTACACCTGCCCCATC 423
 DB 1086 AACCATCTCCAAAGCCAAAGGCGCCGAGAGCAAGTGTACACCTGCCCCATC 1145
 QY 424 CCGGATGAGTGAAGCAAGCAAGGTCAAGCTGACCTGCTGCTCAAAAGCTTCTATCC 483
 DB 1146 CCGGATGAGTGAAGCAAGCAAGGTCAAGCTGACCTGCTGCTCAAAAGCTTCTATCC 1205
 QY 484 CAGCGATGCGCTGTGAGTGGAGAGCAATGGCGAGCCGAGAAACAATCAAGACAC 543
 DB 1206 CAGCGATGCGCTGTGAGTGGAGAGCAATGGCGAGCCGAGAAACAATCAAGACAC 1265
 QY 544 GCCTCCGCTGTGAGTGGAGAGCAATGGCGAGCCGAGAAACAATCAAGACAC 603
 DB 1266 GCCTCCGCTGTGAGTGGAGAGCAATGGCGAGCCGAGAAACAATCAAGACAC 1325
 QY 604 GAGCAGTGTGAGCAAGGGAAGCTCTTCTCATGCTCCGATGATGAGGCTGTGACAA 663
 DB 1326 GAGCAGTGTGAGCAAGGGAAGCTCTTCTCATGCTCCGATGATGAGGCTGTGACAA 1385
 QY 664 CCACTACAGCAAGAGGCTCTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 699
 DB 1386 CCACTACAGCAAGAGGCTCTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 1421

RESULT 10

US-09-335-697B-19
 Sequence 19, Application US/09335697B
 Patent No. 6200804

GENERAL INFORMATION:

APPLICANT: BRAMS, Peter
 CHAMAT, Soulaïma Salim
 PAN, Li-Zhen
 WALSH, Edward E.
 HEARD, Cheryl Janne
 NEWMAN, Roland Anthony

TITLE OF INVENTION: NEUTRALIZING HIGH AFFINITY HUMAN

MONOCLONAL ANTIBODIES SPECIFIC TO RSV F-PROTEIN AND
 METHODS FOR THEIR MANUFACTURE AND THERAPEUTIC USE THEREOF

NUMBER OF SEQUENCES: 19

CORRESPONDENCE ADDRESSES:
 ADDRESSEE: Burns, Doane, Swecker & Mathis
 STREET: P.O. Box 1404
 City: Alexandria
 STATE: Virginia
 COUNTRY: United States
 ZIP: 22313-1404

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/335,697B
 FILING DATE: 06-Jul-2000
 CLASSIFICATION: <Unknown>
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/770,057
 FILING DATE: <Unknown>
 ATTORNEY/AGENT INFORMATION:

NAME: Teekin, Robin L.
 REGISTRATION NUMBER: 35,030
 REFERENCE/DOCKET NUMBER: 012712-150
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (703) 836-6620
 TELEFAX: (703) 836-2021
 INFORMATION FOR SEQ ID NO: 19:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1428 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 1..1428
 SEQUENCE DESCRIPTION: SEQ ID NO: 19:
 US-09-335-697B-19

Query Match 90.4%; Score 694.4; DB 3; Length 1428;
 Best Local Similarity 99.9%; Pred. No. 1.1e-154;
 Matches 695; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4 AGCAGAGCCCAATCTTGTGACAAACTGACACATGCCCAAGTCCGACGACCTGAATC 63
 DB 726 AGCAGAGCCCAATCTTGTGACAAACTGACACATGCCCAAGTCCGACGACCTGAATC 785
 QY 64 CCGGGGGGAGCGTCAAGTCTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 123
 DB 786 CCGGGGGGAGCGTCAAGTCTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 845
 QY 124 CCGAGACCCCTGAGTGCATGCGTGTGTGACGTGAGCCAGAGCAAGACCTTGAAGTCAA 183
 DB 846 CCGAGACCCCTGAGTGCATGCGTGTGTGACGTGAGCCAGAGCAAGACCTTGAAGTCAA 905
 QY 184 GTTCACTGTGTAAGTGAAGGCTGAGGATGATATGCAAGCAAAAGCCGCGAGGA 243
 DB 906 GTTCACTGTGTAAGTGAAGGCTGAGGATGATATGCAAGCAAAAGCCGCGAGGA 965
 QY 244 GAGTACAAAGCAAGTACCGGCTGTGCAAGCTCTCAAGCTCTGCAAGCAAGTGGCT 303
 DB 966 GAGTACAAAGCAAGTACCGGCTGTGCAAGCTCTCAAGCTCTGCAAGCAAGTGGCT 1025
 QY 304 GAATGCAAGAGTACAGTGTCAAGTCTTCAAAAGCCCTCCAGCCCTCCAGAGAA 363
 DB 1026 GAATGCAAGAGTACAGTGTCAAGTCTTCAAAAGCCCTCCAGCCCTCCAGAGAA 1085
 QY 364 AACCATCTCCAAAGCCAAAGGCGCCGAGAGCAAGTGTACACCTGCCCCATC 423
 DB 1086 AACCATCTCCAAAGCCAAAGGCGCCGAGAGCAAGTGTACACCTGCCCCATC 1145
 QY 424 CCGGATGAGTGAAGCAAGCAAGGTCAAGCTGACCTGCTGCTCAAAAGCTTCTATCC 483
 DB 1146 CCGGATGAGTGAAGCAAGCAAGGTCAAGCTGACCTGCTGCTCAAAAGCTTCTATCC 1205
 QY 484 CAGCGATGCGCTGTGAGTGGAGAGCAATGGCGAGCCGAGAAACAATCAAGACAC 543
 DB 1206 CAGCGATGCGCTGTGAGTGGAGAGCAATGGCGAGCCGAGAAACAATCAAGACAC 1265
 QY 544 GCCTCCGCTGTGAGTGGAGAGCAATGGCGAGCCGAGAAACAATCAAGACAC 603
 DB 1266 GCCTCCGCTGTGAGTGGAGAGCAATGGCGAGCCGAGAAACAATCAAGACAC 1325
 QY 604 GAGCAGTGTGAGCAAGGGAAGCTCTTCTCATGCTCCGATGATGAGGCTGTGACAA 663
 DB 1326 GAGCAGTGTGAGCAAGGGAAGCTCTTCTCATGCTCCGATGATGAGGCTGTGACAA 1385
 QY 664 CCACTACAGCAAGAGGCTCTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 699
 DB 1386 CCACTACAGCAAGAGGCTCTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 1421

RESULT 11

US-09-335-697B-19
; Sequence 19, Application US/09335697B
; Patent No. 6413771
; GENERAL INFORMATION:
; APPLICANT: BRAMS, Peter
; APPLICANT: CHAMAT, Soulaïma Salim
; APPLICANT: PAN, Li-Zhen
; APPLICANT: WALSH, Edward B.
; APPLICANT: HEARD, Cheryl Janne
; APPLICANT: NEWMAN, Roland Anthony
; TITLE OF INVENTION: NEUTRALIZING HIGH AFFINITY HUMAN
; TITLE OF INVENTION: MONOCLONAL ANTIBODIES SPECIFIC TO RSV F-PROTEIN AND
; TITLE OF INVENTION: METHODS FOR THEIR MANUFACTURE AND THERAPEUTIC USE THEREOF
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Burns, Doane, Swecker & Mathis
; STREET: P.O. Box 1404
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: United States
; ZIP: 22313-1404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/335.697B
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/770,057
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Teekin, Robin L.
; REGISTRATION NUMBER: 35,030
; REFERENCE/DOCKET NUMBER: 012712-150
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 836-6620
; TELEFAX: (703) 836-2021
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1428 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..1428
US-09-335-697B-19
Query Match 90.4%; Score 694.4; DB 3; Length 1428;
Best Local Similarity 99.9%; Pred. No. 1,1e-154;
Matches 695; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 4 AGGAGAGCCCAATCTTGTGACAAACTCAACATGCCACCGTCCAGACCTGAAT 63
DB 726 AGGAGAGCCCAATCTTGTGACAAACTCAACATGCCACCGTCCAGACCTGAAT 785
QY 64 CTTGGGGGAGCGTCAAGTCTTCTCTCCGCCCAAAACCAAGAGACCTCATGATCTC 123
DB 786 CTTGGGGGAGCGTCAAGTCTTCTCTCCGCCCAAAACCAAGAGACCTCATGATCTC 845
QY 124 CCGGAGCCCTGAGGTGACATGCGTGTGTGTGAGCTGAGCCAGAGACCTTGAAGTCAA 183
DB 846 CCGGAGCCCTGAGGTGACATGCGTGTGTGTGAGCTGAGCCAGAGACCTTGAAGTCAA 905
QY 184 GTTCAACTGTGATGAGTGAAGCGGCGTGAAGTGAATTAATGCAAGCAAAAGCGGGAGGA 243
DB 906 GTTCAACTGTGATGAGTGAAGCGGCGTGAAGTGAATTAATGCAAGCAAAAGCGGGAGGA 965
QY 244 GCAGTACAAAGCAAGTACCGGGGTGTGACAGCTCTCTGACCGCTCTGACGAGACTGGCT 303

DB 966 GCAGTACAAAGCAAGTACCGGGGTGTGACAGCTCTCTGACCGCTCTGACGAGACTGGCT 1025
QY 304 GAATGGCAAGAGTATCAAGTGAAGCTCTTCCAAACAAAGCCCTCCAGCCCATCGAGAA 363
DB 1026 GAATGGCAAGAGTATCAAGTGAAGCTCTTCCAAACAAAGCCCTCCAGCCCATCGAGAA 1085
QY 364 AACCATCTCCAAAGCCAAAGGAGCGCCCGAGAACCAAGTGTATCACTTGGCCCATC 423
DB 1086 AACCATCTCCAAAGCCAAAGGAGCGCCCGAGAACCAAGTGTATCACTTGGCCCATC 1145
QY 424 CCGGATGAGCTGACCAAGAACGAGTCACTGACCTGCTGCTGCTCAAGGCTTTATCC 483
DB 1146 CCGGATGAGCTGACCAAGAACGAGTCACTGACCTGCTGCTGCTCAAGGCTTTATCC 1205
QY 484 CACGACATGCGCTGTGAGTGGAGAGCAATGGGACGCCGAGAACCACTACAGACAC 543
DB 1206 CACGACATGCGCTGTGAGTGGAGAGCAATGGGACGCCGAGAACCACTACAGACAC 1265
QY 544 GCCTCCGCTGCTGAGTCCGAGCGCTCTCTCTTCTTACAGCAAGCTCACCGTGACAA 603
DB 1266 GCCTCCGCTGCTGAGTCCGAGCGCTCTCTCTTCTTACAGCAAGCTCACCGTGACAA 1325
QY 604 GAGCAGGTGCGACAGGAGGAGCGTCTTCATGCTCCGTGATGATGAGGCTTGACAA 663
DB 1326 GAGCAGGTGCGACAGGAGGAGCGTCTTCATGCTCCGTGATGATGAGGCTTGACAA 1385
QY 664 CCACTACAGCGCAAGAGCCTTCCCTGTCTCCGGG 699
DB 1386 CCACTACAGCGCAAGAGCCTTCCCTGTCTCCGGG 1421

RESULT 12

US-09-740-002-19
; Sequence 19, Application US/09740002
; Patent No. 6537809
; GENERAL INFORMATION:
; APPLICANT: BRAMS, PETER
; APPLICANT: MORROW, PHILIP
; TITLE OF INVENTION: NEUTRALIZING HIGH AFFINITY HUMAN MONOCLONAL ANTIBODIES
; TITLE OF INVENTION: SPECIFIC TO RSV F-PROTEIN AND METHODS FOR THEIR
; FILE REFERENCE: 037003-0275759
; CURRENT APPLICATION NUMBER: US/09/740,002
; PRIOR FILING DATE: 2000-12-20
; PRIOR APPLICATION NUMBER: 09/335,697
; PRIOR FILING DATE: 1999-06-18
; PRIOR APPLICATION NUMBER: 08/488,376
; PRIOR FILING DATE: 1995-06-07
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 19
; LENGTH: 1428
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(1425)
US-09-740-002-19

Query Match 90.4%; Score 694.4; DB 4; Length 1428;
Best Local Similarity 99.9%; Pred. No. 1,1e-154;
Matches 695; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 4 AGGAGAGCCCAATCTTGTGACAAACTCAACATGCCACCGTCCAGACCTGAAT 63
DB 726 AGGAGAGCCCAATCTTGTGACAAACTCAACATGCCACCGTCCAGACCTGAAT 785
QY 64 CTTGGGGGAGCGTCAAGTCTTCTCTCCGCCCAAAACCAAGAGACCTCATGATCTC 123
DB 786 CTTGGGGGAGCGTCAAGTCTTCTCTCCGCCCAAAACCAAGAGACCTCATGATCTC 845
QY 124 CCGGAGCCCTGAGGTGACATGCGTGTGTGTGAGCTGAGCCAGAGACCTTGAAGTCAA 183

DB 846 CCGGACCCCTGAGGTGCAATGCGTGTGTGAGAGTGAAGCAGAAACACCTTGAGTCAA 905
QY 184 GTTAACTGTAAGTGAAGCGGCTGTGAGGTGATATATGCCAGAAAGCCGGAGGA 243
DB 906 GTTCAACTGTGTACTGTGACGGCGGTGAGGTGCATTAATGCCAAGCAAGCCGGAGGA 965
QY 244 GCAGTAAACAGCAAGTACCGGGGTGTCAAGGTCTCAACCGTCTTGACAGAGCTGGCT 303
DB 966 GCAGTAAACAGCAAGTACCGGTGTGTCAAGGTCTCAACCGTCTTGACAGAGCTGGCT 1025
QY 304 GAATGCAAGAGTAAAGTGAAGTCTCCAAAGAGCCCTCCAGCCCAATGAGAA 363
DB 1026 GAATGCAAGAGTAAAGTGAAGTCTCCAAAGAGCCCTCCAGCCCAATGAGAA 1085
QY 364 AACCATCTCCAAAGCCAAAGGGCGCCCGGAGAACCAAGGTGACACCTGCCCCATC 423
DB 1086 AACCATCTCCAAAGCCAAAGGGCGCCCGGAGAACCAAGGTGACACCTGCCCCATC 1145
QY 424 CCGGATGAGCTGACCAAGAACAGTCAAGCTGACCTGCTGGTCAAGAGCTTCTATCC 483
DB 1146 CCGGATGAGCTGACCAAGAACAGTCAAGCTGACCTGCTGGTCAAGAGCTTCTATCC 1205
QY 484 CAGGACATGCGCGTGTGAGTGGAGAACATGGGCAAGCCGAGAACCACTAACAGACAC 543
DB 1206 CAGGACATGCGCGTGTGAGTGGAGAACATGGGCAAGCCGAGAACCACTAACAGACAC 1265
QY 544 GCTCCCGGTGTGATCTCCAGCGGCTCTTCTCTTAACAGCAAGTCAAGCTGAGCAA 603
DB 1266 GCTCCCGGTGTGATCTCCAGCGGCTCTTCTCTTAACAGCAAGTCAAGCTGAGCAA 1325
QY 604 GAGCAGGTGGCAGCAGGAGAACGCTTCTCATGCTCCGTGATGATGAGGCTGTGACAA 663
DB 1326 GAGCAGGTGGCAGCAGGAGAACGCTTCTCATGCTCCGTGATGATGAGGCTGTGACAA 1385
QY 664 CCACTACAGCAGAAAGAGCTTCTCTGTCGCGG 699
DB 1386 CCACTACAGCAGAAAGAGCTTCTCTGTCGCGG 1421

RESULT 13
US-08-487-550-3
; Sequence 3, Application US/08487550
; Patent No. 6113898

GENERAL INFORMATION:
; APPLICANT: Anderson, Darrell R.
; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC
; TITLE OF INVENTION: TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF,
; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSER: BURNS, DOANE, SWECKER & MATHEIS
; STREET: 699 Prince Street
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22314
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/487,550
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Teskin, Robin L.
; REGISTRATION NUMBER: 35,030
; REFERENCE/DOCKET NUMBER: 012712-131
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-836-6620

TELEFAX: 703-836-2021
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1431 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: not relevant
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..1431
; NAME/KEY: mat peptide
; LOCATION: 1..1431
US-08-487-550-3

Query Match 90.4%; Score 694.4; DB 3; Length 1431;
Best Local Similarity 99.9%; Pred. No. 1.1e-154;
Matches 695; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4 AGCAGAGCCCAATCTTGTGACAAAATGACATGCCCCAGCGTGGCCAGACCTGAACT 63
DB 729 AGCAGAGCCCAATCTTGTGACAAAATGACATGCCCCAGCGTGGCCAGACCTGAACT 788
QY 64 CCGGAGGAGACCGTCAAGTCTTCTTCCCGCAAAACCAAGAGACACCTCATGATCTC 123
DB 789 CCGGAGGAGACCGTCAAGTCTTCTTCCCGCAAAACCAAGAGACACCTCATGATCTC 848
QY 124 CCGGACCCCTGAGGTGACATGCGTGTGTGAGACGTGACCAAGAACCTTGAAGTCAA 183
DB 849 CCGGACCCCTGAGGTGACATGCGTGTGTGAGACGTGACCAAGAACCTTGAAGTCAA 908
QY 184 GTTCAACTGTGTACGTGAGACGGGTGTGATGATTAATGCCAAGACAAACCCGGAGGA 243
DB 909 GTTCAACTGTGTACGTGAGACGGGTGTGATGATTAATGCCAAGACAAACCCGGAGGA 968
QY 244 GCAGTAAACAGCAAGTACCGGAGTGTGACGCTCTCAACCTGTCTGACCAAGACTGCT 303
DB 969 GCAGTAAACAGCAAGTACCGGAGTGTGACGCTCTCAACCTGTCTGACCAAGACTGCT 1028
QY 304 GAATGCAAGAGTAAAGTGAAGGTCTTCAACAAAGCTTCCAGCCCCCATGAGAA 363
DB 1029 GAATGCAAGAGTAAAGTGAAGGTCTTCAACAAAGCTTCCAGCCCCCATGAGAA 1088
QY 364 AACCATCTCCAAAGCCAAAGGGCGCCCGGAGAACCAAGGTGACACCTGCCCCATC 423
DB 1089 AACCATCTCCAAAGCCAAAGGGCGCCCGGAGAACCAAGGTGACACCTGCCCCATC 1148
QY 424 CCGGATGAGCTGACCAAGAACCAAGTCAAGCTGACCTGCTGTGCAAGAGCTTATCC 483
DB 1149 CCGGATGAGCTGACCAAGAACCAAGTCAAGCTGACCTGCTGTGCAAGAGCTTATCC 1208
QY 484 CAGGACATGCGCGTGTGAGTGGAGAACATGGGCAAGCCGAGAACCACTAACAGCAC 543
DB 1209 CAGGACATGCGCGTGTGAGTGGAGAACATGGGCAAGCCGAGAACCACTAACAGCAC 1268
QY 544 GCTCCCGGTGTGATCTCCAGAGGCTCTTCTCTTCAAGCAAGCTCAACCGTGGAGAA 603
DB 1269 GCTCCCGGTGTGATCTCCAGAGGCTCTTCTCTTCAAGCAAGCTCAACCGTGGAGAA 1328
QY 604 GAGCAGGTGGCAGCAGGAGAACGCTTCTCATGCTCCGTGATGATGAGGCTGTGACAA 663
DB 1329 GAGCAGGTGGCAGCAGGAGAACGCTTCTCATGCTCCGTGATGATGAGGCTGTGACAA 1388
QY 664 CCACTACAGCAGAAAGAGCTTCTCTGTCGCGG 699
DB 1389 CCACTACAGCAGAAAGAGCTTCTCTGTCGCGG 1424

RESULT 14
US-08-487-550-11
; Sequence 11, Application US/08487550
; Patent No. 6113898

GENERAL INFORMATION:
APPLICANT: Anderson, Darrell R.
TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF,
TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS
TITLE OF INVENTION: IMMUNOSUPPRESSANTS"
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
STREET: 699 Prince Street
CITY: Alexandria
STATE: VA
COUNTRY: USA
ZIP: 22314
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/487,550
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Teakin, Robin L.
REGISTRATION NUMBER: 35,030
REFERENCE/DOCKET NUMBER: 012712-131
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6620
TELEFAX: 703-836-2021
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 1431 base pairs
TYPE: nucleic acid
STRANDEDNESS: not relevant
TOPOLOGY: linear
MOLECULE TYPE: peptide
FEATURE:
NAME/KEY: CDS
LOCATION: 1..1431
NAME/KEY: mat_peptide
LOCATION: 1..1431
US-08-487-550-11

Query Match 90.4%; Score 694.4; DB 3; Length 1431;
Best Local Similarity 99.9%; Pred. No. 1.1e-154;
Matches 695; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4 AGCAGAGCCCAATCTTGTGACAAATCTCAACATGCGCCACCGCCAGACCTGAAC 63
DB 729 AGCAGAGCCCAATCTTGTGACAAATCTCAACATGCGCCACCGCCAGACCTGAAC 788
QY 64 CTTGGGGGGAGCGTCACTCTTCTCTTCCCGCCAAACCAAGAGACCTCATGATCTC 123
DB 789 CTTGGGGGGAGCGTCACTCTTCTCTTCCCGCCAAACCAAGAGACCTCATGATCTC 848
QY 124 CCGGACCCCTGAGGTCACTGCGTGTGTGAGAGCTGAGCCAGAGACCTTGAAGTCAA 183
DB 849 CCGGACCCCTGAGGTCACTGCGTGTGTGAGAGCTGAGCCAGAGACCTTGAAGTCAA 908
QY 184 GTTCAACTGTGATGATGACCGCGTGGAGGTGATTAAGCCAAAGAGCGCGGGAGGA 243
DB 909 GTTCAACTGTGATGATGACCGCGTGGAGGTGATTAAGCCAAAGAGCGCGGGAGGA 968
QY 244 GCAGTACAAAGACGTAACCGGGTGTCAAGCTCTTCAACCGTCTCTGACAGAGCTGGCT 303
DB 969 GCAGTACAAAGACGTAACCGGGTGTCAAGCTCTTCAACCGTCTCTGACAGAGCTGGCT 1028
QY 304 GAATGGCAAGAGTACAAAGTGCAGAGGTCTTCCAAAGCCCTTCCAGCCCTCATGAGAA 363
DB 1029 GAATGGCAAGAGTACAAAGTGCAGAGGTCTTCCAAAGCCCTTCCAGCCCTCATGAGAA 1088

QY 364 AACCATCTCCAAAGCCAAAGGAGCGCCCGAGAACACAGGTGTACACCTTGCCTCCATC 423
DB 1089 AACCATCTCCAAAGCCAAAGGAGCGCCCGAGAACACAGGTGTACACCTTGCCTCCATC 1148
QY 424 CCGGAGTACCTGACCAAGAACAGGCTGACCTGACCTGCTGCTGCTGCTGCTGCTGCTGCT 483
DB 1149 CCGGAGTACCTGACCAAGAACAGGCTGACCTGACCTGCTGCTGCTGCTGCTGCTGCTGCT 1208
QY 484 CACGACATGCGCTGTGATGAGGAGACATGAGGACCGGAGAACCACTACAAAGACAC 543
DB 1209 CACGACATGCGCTGTGATGAGGAGACATGAGGACCGGAGAACCACTACAAAGACAC 1268
QY 544 GCCTCCGCTGCTGACCTGACAGGCTCTTCTTCTCTTACAGCAAGCTCACCGTGACAA 603
DB 1269 GCCTCCGCTGCTGACCTGACAGGCTCTTCTTCTCTTACAGCAAGCTCACCGTGACAA 1328
QY 604 GACAGGTGGACAGAGGAGAGAGCTTTCTCATGCTCTGATGATGATGATGATGATGATGAT 663
DB 1329 GACAGGTGGACAGAGGAGAGAGCTTTCTCATGCTCTGATGATGATGATGATGATGATGAT 1388
QY 664 CCACTACAGCAGAGAGAGCTCTCCCTGCTCCGGG 699
DB 1389 CCACTACAGCAGAGAGAGCTCTCCCTGCTCCGGG 1424

RESULT 15
US-09-526-098-3
Sequence 3, Application US/09526098
Patent No. 6492134
GENERAL INFORMATION:
APPLICANT: Anderson, Darrell R.
TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF,
TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS
TITLE OF INVENTION: IMMUNOSUPPRESSANTS"
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
STREET: 699 Prince Street
CITY: Alexandria
STATE: VA
COUNTRY: USA
ZIP: 22314
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/526,098
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/383,916
FILING DATE:
APPLICATION NUMBER: US 08/487,550
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Teakin, Robin L.
REGISTRATION NUMBER: 35,030
REFERENCE/DOCKET NUMBER: 012712-131
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6620
TELEFAX: 703-836-2021
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 1431 base pairs
TYPE: nucleic acid
STRANDEDNESS: not relevant
TOPOLOGY: linear
MOLECULE TYPE: peptide
FEATURE:
NAME/KEY: CDS

LOCATION: 1..1431
FEATURE:
NAME/KEY: mat_peptide
LOCATION: 1..1431
US-09-526-098-3

Query Match 90.4%; Score 694.4; DB 4; Length 1431;
Best Local Similarity 99.9%; Pred. No. 1.1e-154;
Matches 695; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 4 AGGAGAGCCCAATCTTGTGACAAACTGACACATGCCCACTGCGCCGAGCACTGAAC 63
DB 729 AGGAGAGCCCAATCTTGTGACAAACTGACACATGCCCACTGCGCCGAGCACTGAAC 788
QY 64 CTTGGGGGGAGCCGTGAGTCTTCTCTCCCTCCCAAAACCCAGAGACACCTTCATGATCTC 123
DB 789 CTTGGGGGGAGCCGTGAGTCTTCTCTCCCTCCCAAAACCCAGAGACACCTTCATGATCTC 848
QY 124 CCGGACCCCTGAGGTCAATGCGTGTGTGTGACGTGAGCCAGAAAGACCTTGAGGTCAA 183
DB 849 CCGGACCCCTGAGGTCAATGCGTGTGTGTGAGGTGAGCCAGAAAGACCTTGAGGTCAA 908
QY 184 GTTCAACTGTGTACGTGAGACGGGTGTGAGGTGATATATCCCAAGACAAAGCCGCGAGAA 243
DB 909 GTTCAACTGTGTACGTGAGACGGGTGTGAGGTGATATATCCCAAGACAAAGCCGCGAGAA 968
QY 244 GCAGTACAAACAGCAGTACCGGGTGTGTGAGGTCTTCAACGCTCTGACACAGAGCTGGCT 303
DB 969 GCAGTACAAACAGCAGTACCGGGTGTGTGAGGTCTTCAACGCTCTGACACAGAGCTGGCT 1028
QY 304 GAATGGCAAGAGATCAAGTGTCAAGGTCTTCAACAAAGCCTTCCAGCCCTCATGAGAA 363
DB 1029 GAATGGCAAGAGATCAAGTGTCAAGGTCTTCAACAAAGCCTTCCAGCCCTCATGAGAA 1088
QY 364 AACCATCTCCAAGCCAAAGGGGAGCCCGAGAAACAAGGTGACACCTGCCCCCATC 423
DB 1089 AACCATCTCCAAGCCAAAGGGGAGCCCGAGAAACAAGGTGACACCTGCCCCCATC 1148
QY 424 CCGGAGATGAGTGAACAAAGAAACAAGTCAAGCTGACCTGCTGTGCAAAAGCTTTATCC 483
DB 1149 CCGGAGATGAGTGAACAAAGAAACAAGTCAAGCTGACCTGCTGTGCAAAAGCTTTATCC 1208
QY 484 CAGGACATGCGCGTGTGAGTGTGAGAGACATGTGGGCAAGCCGAGAAACAATCAAGACAC 543
DB 1209 CAGGACATGCGCGTGTGAGTGTGAGAGACATGTGGGCAAGCCGAGAAACAATCAAGACAC 1268
QY 544 GCTTCCGTGTGAGTCTCGAAGGCTCTTCTTCTCTCAAGCAAGCTCAACGTGAGCAA 603
DB 1269 GCTTCCGTGTGAGTCTCGAAGGCTCTTCTTCTCTCAAGCAAGCTCAACGTGAGCAA 1328
QY 604 GAGCAGGTGTGAGAGGGGAAACGTTTCTCATGTCTCGTGTGATGATGAGGCTTGACAA 663
DB 1329 GAGCAGGTGTGAGAGGGGAAACGTTTCTCATGTCTCGTGTGATGATGAGGCTTGACAA 1388
QY 664 CCACTACACGCAAGAGACCTCTCCCTGTCTCCGGG 699
DB 1389 CCACTACACGCAAGAGACCTCTCCCTGTCTCCGGG 1424
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Search completed: March 8, 2005, 09:03:14
Job time : 179 secs